

IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0453/S, REVISION 1

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - JL Shepherd and Associates (JLS&A) Model 6810/143-512 BNL Strip.
2. Source Description - The outer Type 304 or 316 stainless steel encapsulation is 760 mm (29.910") long x 32.6 mm (1.285") wide x 12.6 mm (0.498") thick. The radioactive content is in a doubly encapsulated Type 304 stainless steel BNL Strip Source that is 339 mm (13.344") x 28.6 mm (1.125") x 9.5 mm (0.375"). Lead with a thermal expansion cavity fills the space in the outer capsule sealed by 6.4 mm (0.25") and 12.7 mm (0.5") thick inert gas welded end plugs. Construction must be in accordance with JLS&A Drawing number A-0527-512, Revision B (attached).
3. Radioactive Contents - This source consists of not more than 74 TBq (2000 Ci) of cesium 137 in the form of cesium chloride pellets. The active length within the BNL Strip Source is 304.8 mm (12").
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires March 31, 2001.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - America.



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This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated February 15, 1996 and March 11, 1996 submitted by JL Shepherd & Associates, San Fernando, CA, and in consideration of other information on file in this Office.

Certified by:



Alan I. Roberts

Associate Administrator for Hazardous Materials Safety

APR 25 1996

(DATE)

Revision 1 - Issued to extend the expiration date.

DRAWN BY D. TRAN	DATE 3-20-91	APPROVED BY mfs	SCALE NONE
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